



**UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/883,847	06/27/97	GROUELL	W A-64456/JC

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MM51/0721

EXAMINER
CHERVINSKY, B

ART UNIT	PAPER NUMBER
2835	6

DATE MAILED: 07/21/98

**Please find below and/or attached an Office communication concerning this application or
proceeding.**

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

08/883,847

Applicant(s)

Grouell

Examiner

Boris Chervinsky

Group Art Unit

2835



☒ Responsive to communication(s) filed on Jul 7, 1998

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) 3-8 is/are pending in the application

Of the above, claim(s) _____ is/are withdrawn from consideration

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 3-8 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449; Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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DETAILED ACTION

The examiner acknowledges, the applicant's submission of the amendment filed on July 7, 1998.

At this point claims 3, 5, 6, 7 are amended. Claims 1-2 are canceled. Claim 2 is added to the application. Thus, claims 3-8 are pending in the instant application.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 3-5, 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Marton.

Marton teaches a heat dissipator having a plate to fit over an electronic heat generating device and a louver-like structure with fins formed of thin heat conductive metal and having slanted outward-upward end edges.

Claim Rejections - 35 USC § 103

3. Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marton as applied to claim 1 above, and further in view of Guo.

Marton discloses the claimed invention except for a plurality of screw holes and recessed surface to be contacted with heat generating member. Guo discloses a disk drive having a front case half

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42 with a recess and screw holes 44 and 46. It would have been obvious to one having ordinary skill in the art at the time the invention was made to include screw holes for securing the plate to a device and to have recessed area to have a thermal contact with the device's surface.

Response to Arguments

4. Applicant's arguments filed on 7/7/98 have been fully considered but they are not persuasive. Claim 8 of amendment reads all limitations described by Marton, besides, it has to be noted that Marton suggesting several embodiments including fins disposed in the same plane as the rest of the heat sink plate. Regarding to claim 7, Guo shows a front case half having a dish-like configuration or recessed portion having a surface thermally connected to a disk drive.

THIS ACTION IS MADE FINAL. See MPEP §706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 C.F.R. 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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Conclusion

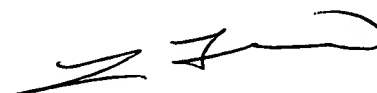
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Boris Chervinsky** whose telephone number is **(703) 308-5429**, Mon-Fri, 7 am-5:30 pm.

6. Any inquiry of a general nature or relating to the status of this application should be directed to the **Group receptionist**, Mon-Fri, 8 am-5:30 pm

Phone: **(703) 308-1782**

Fax: **(703) 305-3431** or

(703) 305-3432



**LYNN D. FEILD
PRIMARY EXAMINER**